

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : John G. Maneatis  
Application No. : 10/658,120  
Filed : September 8, 2003  
Title : Fast-Locking Phase-Locked Loop  
Examiner : Michael B. Shingleton  
Group Art Unit : 2817  
Attorney Ref. No. : TCU327  
Date : September 22, 2005

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO OFFICE ACTION**

In response to the Office action dated March 22, 2005, please consider  
the following amendments and remarks:

**The Listing of Claims begins on page 2.**

**Remarks begin on page 15.**

09/23/2005 HLE333 00000011 503397 10658120

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Application Number 10/658,120  
Response Date: 9/22/05  
Reply to Office Action of 03/22/05

PAGE 6/23 \* RCVD AT 9/22/2005 7:47:31 PM [Eastern Daylight Time] \* SVR:USPTO-EXRF-6/26 \* DNIS:2738300 \* CSID:503 459 4142 \* DURATION (mm:ss):05:36